

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	720	(369/59.25).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/26 08:42
S2	1774	(369/275.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 16:26
S3	1364	(369/275.4).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 14:35
S4	3189	S1 or S2 or S3	US-PGPUB; USPAT	OR	ON	2006/09/20 14:36
S5	1842	S4 and (bca or ("burst cutting area") or bar code)	US-PGPUB; USPAT	OR	ON	2006/09/21 13:54
S6	1154791	(bca or ("burst cutting area") or bar code)	US-PGPUB; USPAT	OR	ON	2006/09/20 14:39
S7	856	wobbl\$3 near2 pit	US-PGPUB; USPAT	OR	ON	2006/09/20 14:37
S8	82	S6 same S7	US-PGPUB; USPAT	OR	ON	2006/09/20 14:38
S9	20	S4 and S8	US-PGPUB; USPAT	OR	ON	2006/09/20 14:38
S10	681550	(bca or ("burst cutting area") or (bar aj2code))	US-PGPUB; USPAT	OR	ON	2006/09/20 16:09
S11	27	S7 same S10	US-PGPUB; USPAT	OR	ON	2006/09/20 15:39
S12	5	S4 and S11	US-PGPUB; USPAT	OR	ON	2006/09/20 14:40
S13	1	("6813237").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/20 15:39
S14	1154824	(bca or ("burst cutting area") or (bar aj2 code))	US-PGPUB; USPAT	OR	ON	2006/09/20 16:12
S15	82	S7 same S14	US-PGPUB; USPAT	OR	ON	2006/09/20 16:10
S16	20	S15 and S4	US-PGPUB; USPAT	OR	ON	2006/09/20 16:11
S17	55970	(bca or ("burst cutting area") or (bar adj2 code))	US-PGPUB; USPAT	OR	ON	2006/09/21 13:10
S18	67	S7 and S17	US-PGPUB; USPAT	OR	ON	2006/09/20 16:12
S19	28	S4 and S18	US-PGPUB; USPAT	OR	ON	2006/09/20 16:12
S20	54	S2 and ((BCA or "burst cutting area") and ((pit or wobbl\$3) near2 pattern or array or line))	US-PGPUB; USPAT	OR	ON	2006/09/20 16:31

## EAST Search History

S21	34	S2 and ((BCA or "burst cutting area") and ((pit or wobbl\$3) near2 pattern or array))	US-PGPUB; USPAT	OR	ON	2006/09/20 16:31
S22	301	pit adj2 wobble	US-PGPUB; USPAT	OR	ON	2006/09/21 09:28
S23	950	"pit patterns"	US-PGPUB; USPAT	OR	ON	2006/09/21 09:29
S24	720	(369/59.25).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 09:29
S25	1776	(369/275.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 09:29
S26	1364	(369/275.4).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 09:29
S27	3191	S24 or S25 or S26	US-PGPUB; USPAT	OR	ON	2006/09/21 09:29
S28	261	S23 and S27	US-PGPUB; USPAT	OR	ON	2006/09/21 09:31
S29	286	S23 same (multiple or plurality or two or three)	US-PGPUB; USPAT	OR	ON	2006/09/21 09:51
S30	80	S27 and S29	US-PGPUB; USPAT	OR	ON	2006/09/21 09:32
S31	1	("4991363").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/21 09:59
S33	5	"9858368"	US-PGPUB; USPAT	OR	ON	2006/09/21 13:04
S34	1	("6069869").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/21 13:04
S35	8120	bca or ("burst cutting area")	US-PGPUB; USPAT	OR	ON	2006/09/21 13:10
S36	524	modulation same (wobbl\$3 and pit)	US-PGPUB; USPAT	OR	ON	2006/09/21 13:11
S37	42	S35 and S36	US-PGPUB; USPAT	OR	ON	2006/09/21 13:11
S38	720	(369/59.25).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 13:54
S39	1776	(369/275.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 13:54
S40	1364	(369/275.4).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 13:54
S41	3191	S38 or S39 or S40	US-PGPUB; USPAT	OR	ON	2006/09/21 13:54
S42	122	S41 and (bca or ("burst cutting area"))	US-PGPUB; USPAT	OR	ON	2006/09/21 13:54

## EAST Search History

S43	859	wobbl\$3 near2 pit	US-PGPUB; USPAT	OR	ON	2006/09/21 13:55
S44	26	S42 and S43	US-PGPUB; USPAT	OR	ON	2006/09/21 13:55
S45	902	(different or multiple or numerous or plurality or two or three or four) SAME (pit ADJ3 (pattern or design or formation))	US-PGPUB; USPAT	OR	ON	2006/09/21 13:59
S46	251	S41 and S45	US-PGPUB; USPAT	OR	ON	2006/09/21 13:59
S47	59	S43 and S46	US-PGPUB; USPAT	OR	ON	2006/09/21 14:51
S48	0	(lead ADJ2 in) SAME (pit ADJ2 pattern)	US-PGPUB; USPAT	OR	ON	2006/09/21 14:52
S49	69	(lead-in) SAME (pit ADJ2 pattern)	US-PGPUB; USPAT	OR	ON	2006/09/26 13:58
S50	1	("5815480").URPN.	USPAT	OR	ON	2006/09/21 15:39
S51	2	10/769987	US-PGPUB; USPAT	OR	ON	2006/09/25 09:39
S52	1	("6128272").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/25 09:53
S58	8120	bca or "burst cutting area"	US-PGPUB; USPAT	OR	ON	2006/09/25 10:20
S59	1668	pit ADJ2 (pattern or array or arrangement or design)	US-PGPUB; USPAT	OR	ON	2006/09/25 10:21
S60	1996	(pit or wobbl\$3) ADJ2 (pattern or array or arrangement or design)	US-PGPUB; USPAT	OR	ON	2006/09/25 10:23
S61	73	S58 and S60	US-PGPUB; USPAT	OR	ON	2006/09/25 10:55
S62	1	10/417211	US-PGPUB; USPAT	OR	ON	2006/09/25 12:34
S63	1	("6813237").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/25 12:36
S64	1	("6052465").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/25 12:39
S65	0	(bar ADJ1 code) ADJ3 "pit pattern"	US-PGPUB; USPAT	OR	ON	2006/09/25 12:40
S66	12	(bar ADJ1 code) ADJ3 (pit or wobbl\$3)	US-PGPUB; USPAT	OR	ON	2006/09/25 12:44
S67	1	10/417211	US-PGPUB; USPAT	OR	ON	2006/09/25 12:57
S68	720	(369/59.25).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/25 12:57

## EAST Search History

S69	1776	(369/275.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/25 12:57
S70	1364	(369/275.4).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/25 12:57
S72	133	(different or multiple or plurality or second or third or various) ADJ2 (pit adj2 (pattern or array or line or arrangement))	US-PGPUB; USPAT	OR	ON	2006/09/25 13:01
S73	3191	S68 S69 S70	US-PGPUB; USPAT	OR	ON	2006/09/25 13:01
S74	39	S72 and S73	US-PGPUB; USPAT	OR	ON	2006/09/25 13:33
S76	28	tomita-yoshimi.in.	US-PGPUB; USPAT	OR	ON	2006/09/25 13:39
S79	1	("5617408").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 14:01
S80	1	("6069869").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 15:02
S82	196	(bar adj2 code) near2 (pit or wobbl\$3 or modulat\$5)	US-PGPUB; USPAT	OR	ON	2006/09/27 08:19
S83	6	S82 and (bca or "burst cutting area")	US-PGPUB; USPAT	OR	ON	2006/09/26 15:03
S84	184	(bar adj2 code) near2 modulat\$5	US-PGPUB; USPAT	OR	ON	2006/09/26 15:25
S85	8	S84 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/09/26 15:41
S86	56188	(bar adj2 code) or (bca or "burst cutting area")	US-PGPUB; USPAT	OR	ON	2006/09/26 15:42
S87	13665	"run-length limited" or RLL or "bi-phase modulation" or "phase-shift keying" or PSK	US-PGPUB; USPAT	OR	ON	2006/09/27 09:01
S88	13	S86 same S87	US-PGPUB; USPAT	OR	ON	2006/09/26 15:44
S89	1	("6930977").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/27 08:29
S91	18093	(multiple or plurality or numerous or two or three) NEAR modulat\$5	US-PGPUB; USPAT	OR	ON	2006/09/27 08:54
S92	99	(369/124.04).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/27 08:54
S93	1366	(369/275.4).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/27 08:54
S94	1463	S92 or S93	US-PGPUB; USPAT	OR	ON	2006/09/27 08:55

## EAST Search History

S95	41	S91 and S94	US-PGPUB; USPAT	OR	ON	2006/09/27 08:55
S96	78	("run-length limited" or RLL) and ("bi-phase modulation" or "phase-shift keying" or PSK)	US-PGPUB; USPAT	OR	ON	2006/09/27 09:04
S97	15	S94 and S96	US-PGPUB; USPAT	OR	ON	2006/09/27 09:24
S98	2	10/769986	US-PGPUB; USPAT	OR	ON	2006/09/27 14:08
S99	1	("6069869").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/27 16:33
S10 0	303	lee-kyung-geun.in.	US-PGPUB; USPAT	OR	ON	2006/09/27 16:37